

ABSTRACT

A method of registering a sheet in a duplex copier to alleviate the misalignment between the images copied on the front and back of the same sheet and to compensate for paper cut tolerances. The error angle of skew between a target angle, e.g. 90° , and the trailing edge of the sheet is measured and stored during a first pass. When the same sheet is fed through a second pass, the error angle is retrieved and the target angle is adjusted to compensate for the skew error of the first pass so that any misalignment between front and back images is substantially improved over systems that register images to the sheet without any knowledge of the location of the opposite side image.